

## **Steroid/Cortisol, Cortisone**

Steroid hormones are structurally derived from cholesterol and play a role in a wide variety of physiological processes, including carbohydrate, fat, and protein metabolism as well as stress response.

By using the LC-MS/MS technique with the Chromsystems kit, not only high sensitivity and specificity can be achieved, but also effective measurement of multiple analytes in a single run can be achieved.

### **Chromsystems advantages**

- For 15 steroid hormone analytes - 2 panels - 1 column
- Single sample preparation procedure for all parameters
- Contains the most clinically important steroids.
- Each parameter has its own internal standard.

### **Analyte group**

1. 11- Deoxycorticosterone
2. 11-Deoxycortisol
3. 17-OH-progesterone
4. 21-deoxycortisol
5. Aldosterone
6. Androstenedione
7. Corticosterone
8. Cortisol
9. Cortisone
10. Dehydroepiandrosterone (DHEA)
11. Dehydroepiandrosterone sulfate (DHEA-S)
12. Dehydroepiandrosterone (DHT)
13. Estradiol
14. Progesterone
15. Testosterone